

ABSTRACT

A dedicated physical channel (DPCH) structure is modified to make room dynamically or in a fixed way, e.g., every fifth slot of a frame for the signaling needed for high speed data packet access (HSDPA) features provided by a new HSDPA common channel, using the dedicated physical data channel (DPDCH) field position (e.g., in the fifth, tenth and fifteenth slots) for HSDPA signaling and leaving the remaining fields of these slots for current signaling needs such as for the transmission power control (TPC) and pilot signaling.